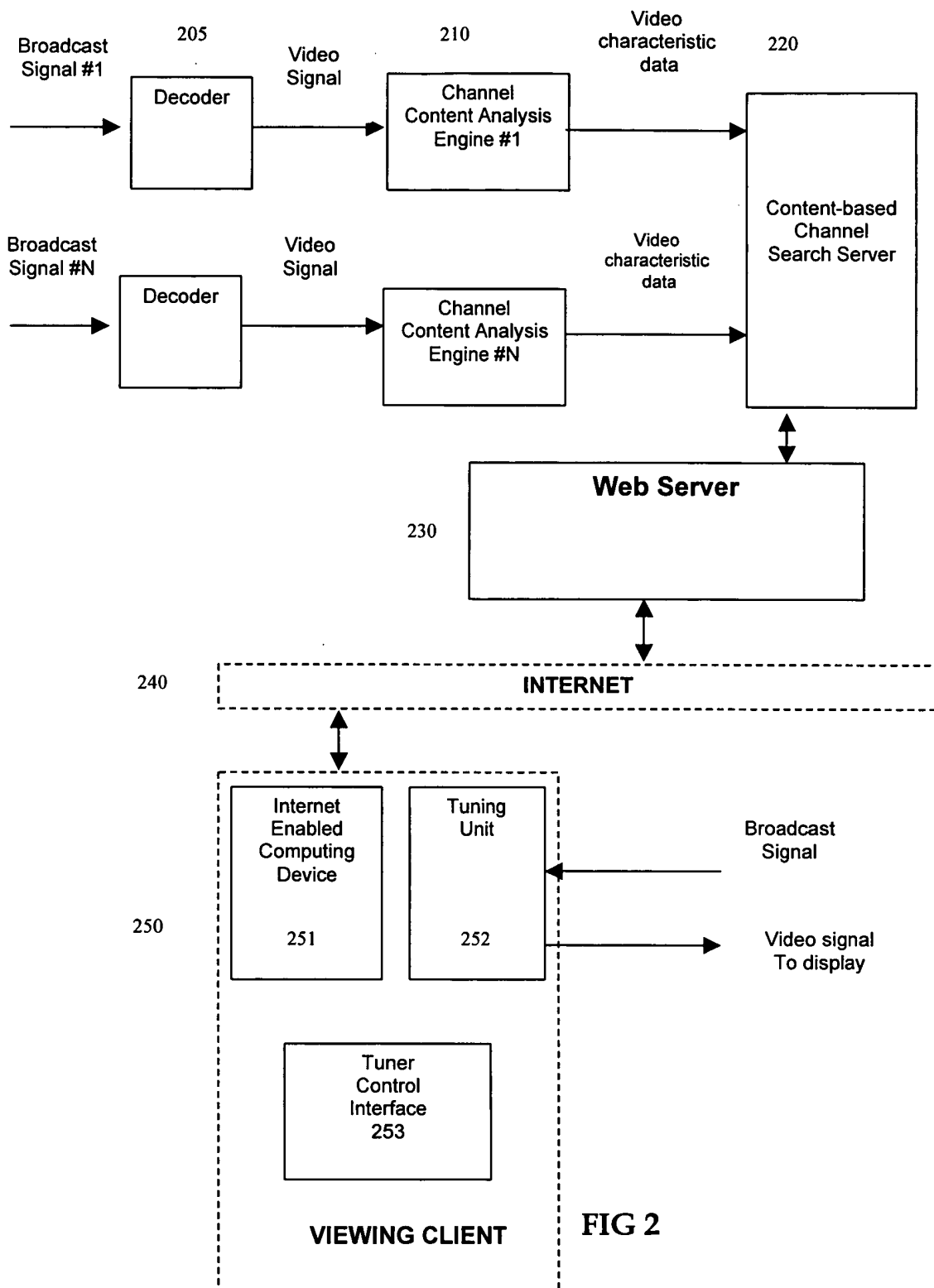


FIG 1

FIG. 2



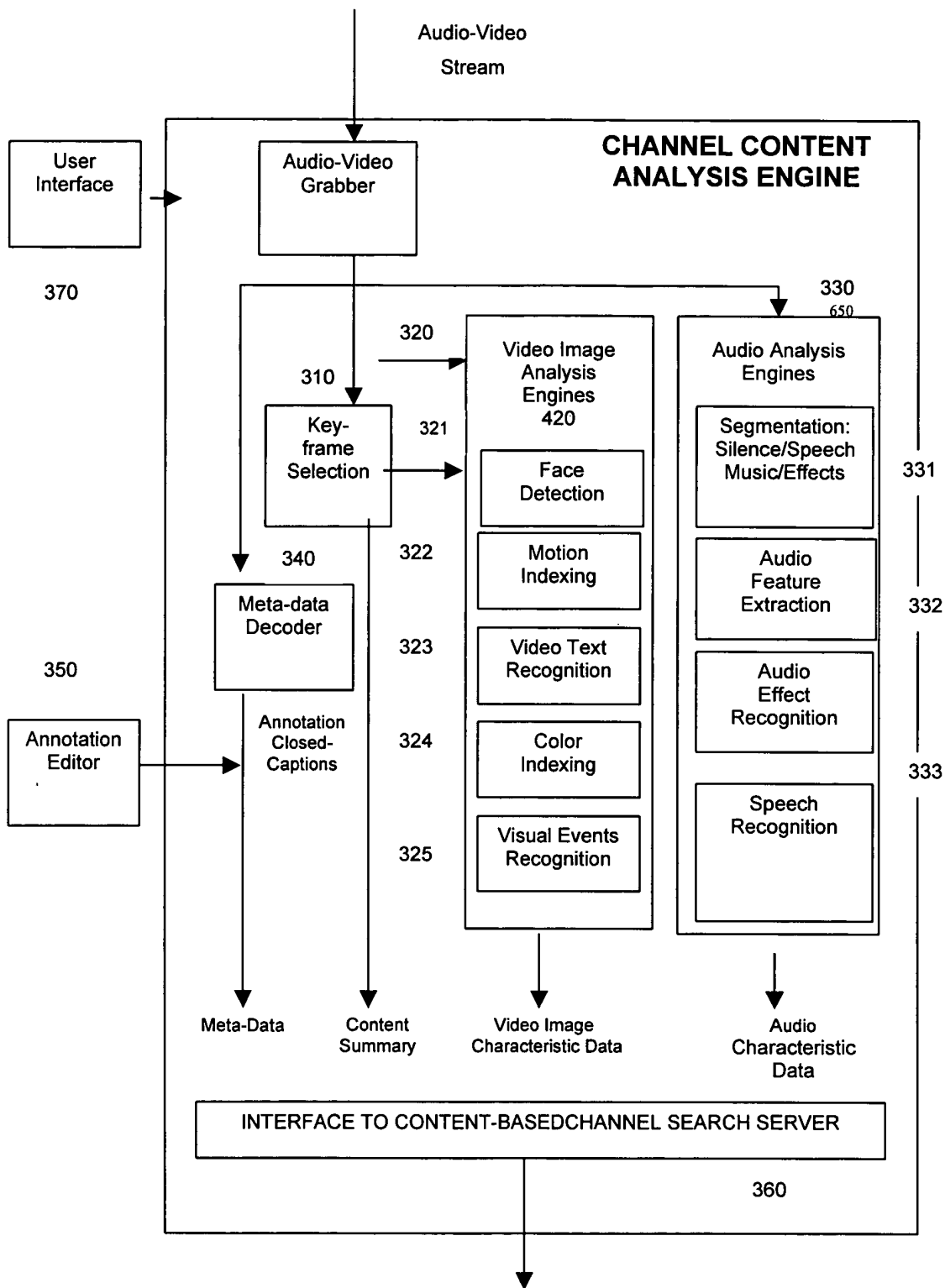


FIG 3

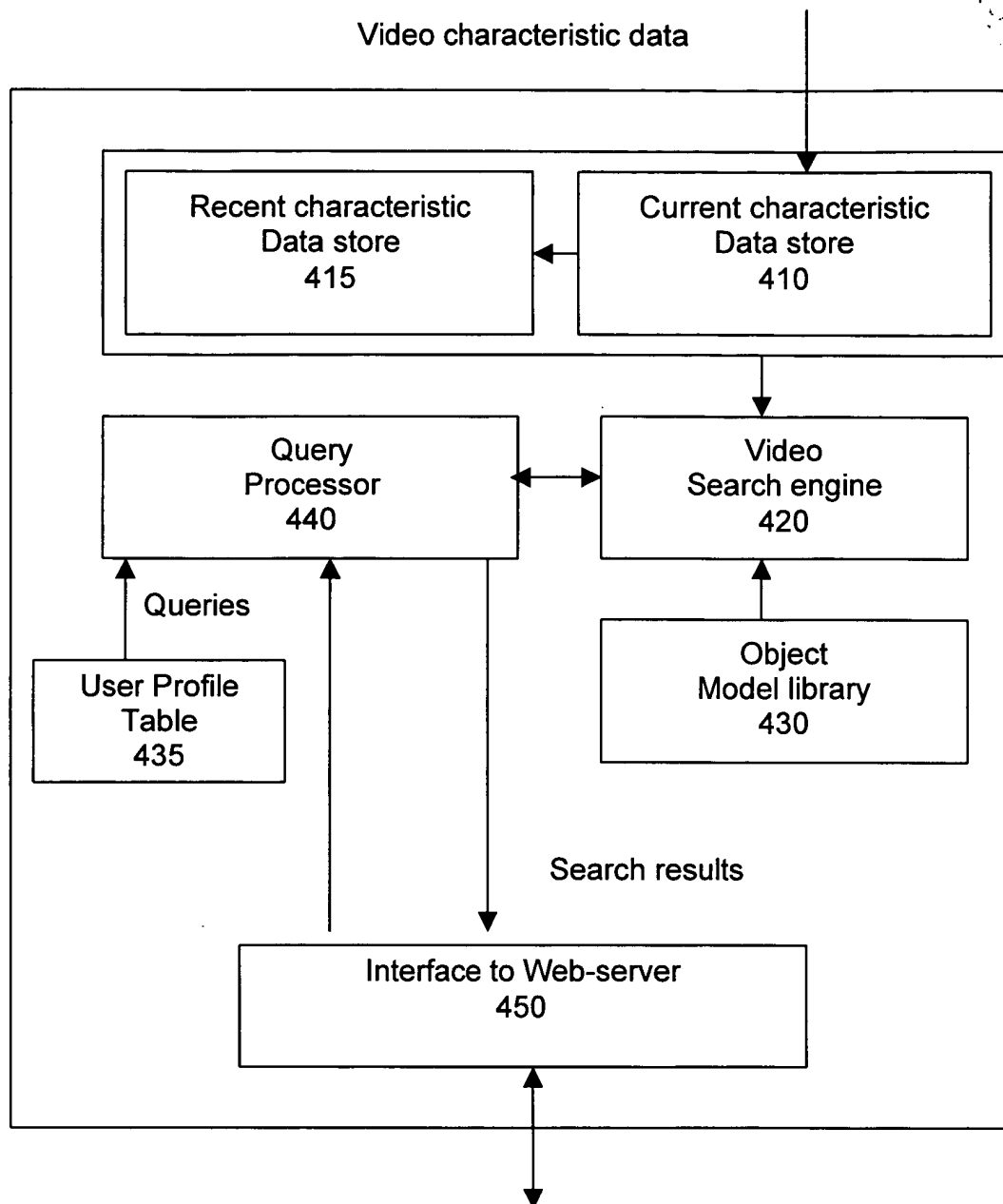


Fig. 4: Content-based channel search server

FIG. 5.1

500

USER PROFILE MENU

510 VISUAL	520 AUDIO	530 TOPIC	540 SPECIAL
People	Laughter	Sports	Breaking News
Outdoor	Jazz Music	Sports	Soccer Goal
Pastoral	Applause	Talk Show	Touch Down
	Gun-shot	Economy	

(AND) (OR) (NOT)

550

VISUAL = People AND AUDIO = Laughter

SUBMIT

FIG 5.1

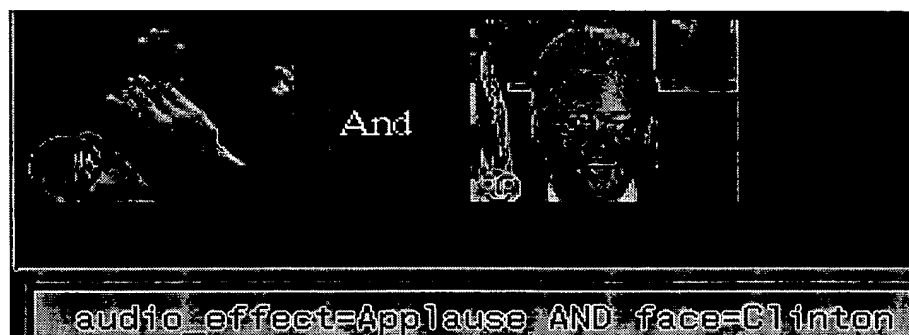


FIG 5.2

FIG 6



FIG 6

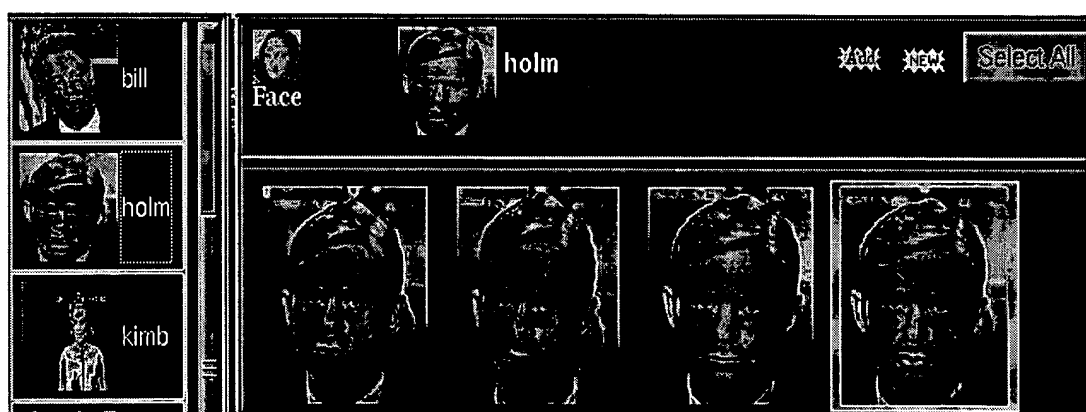


FIG 7

FIG. 8

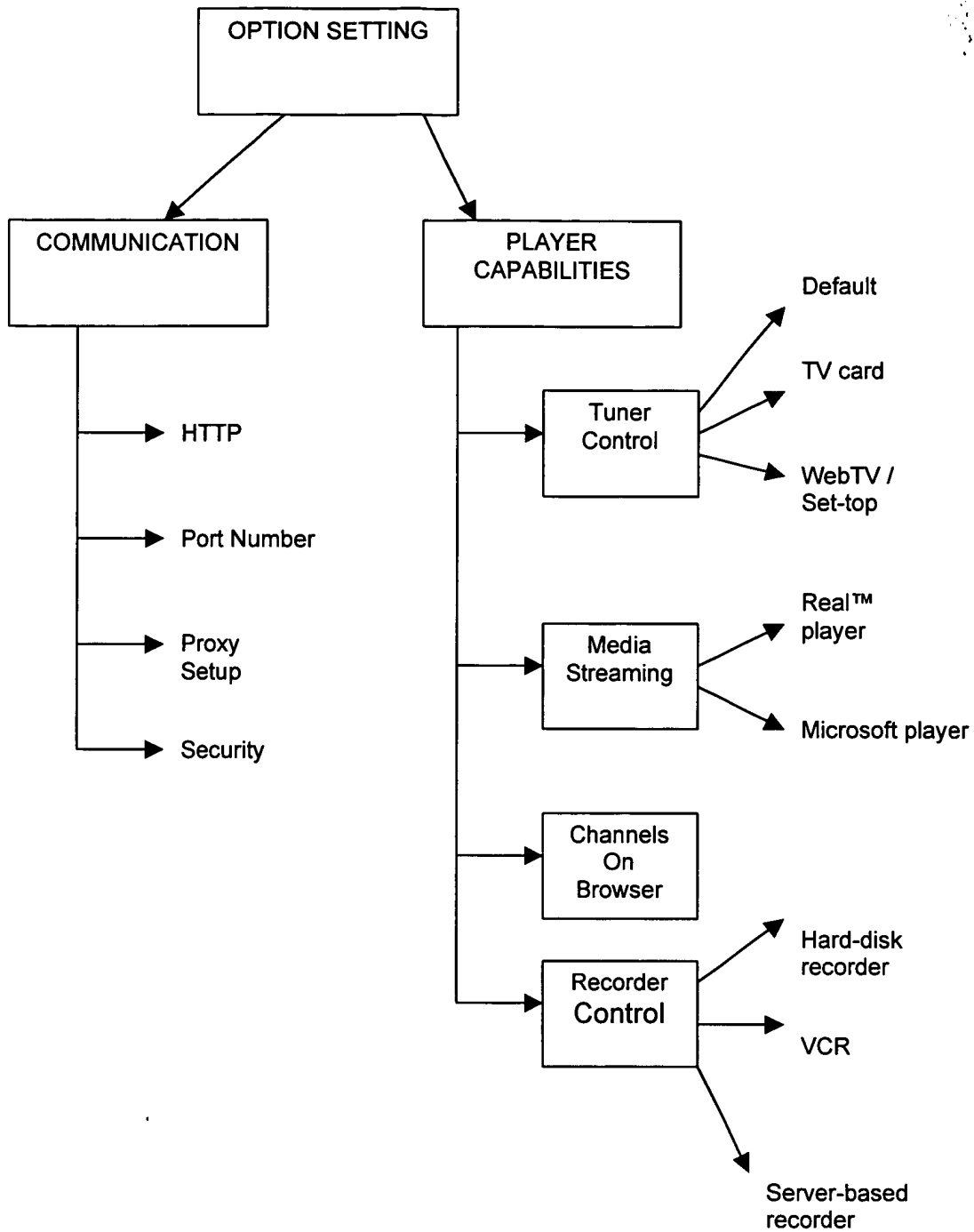


FIG 8

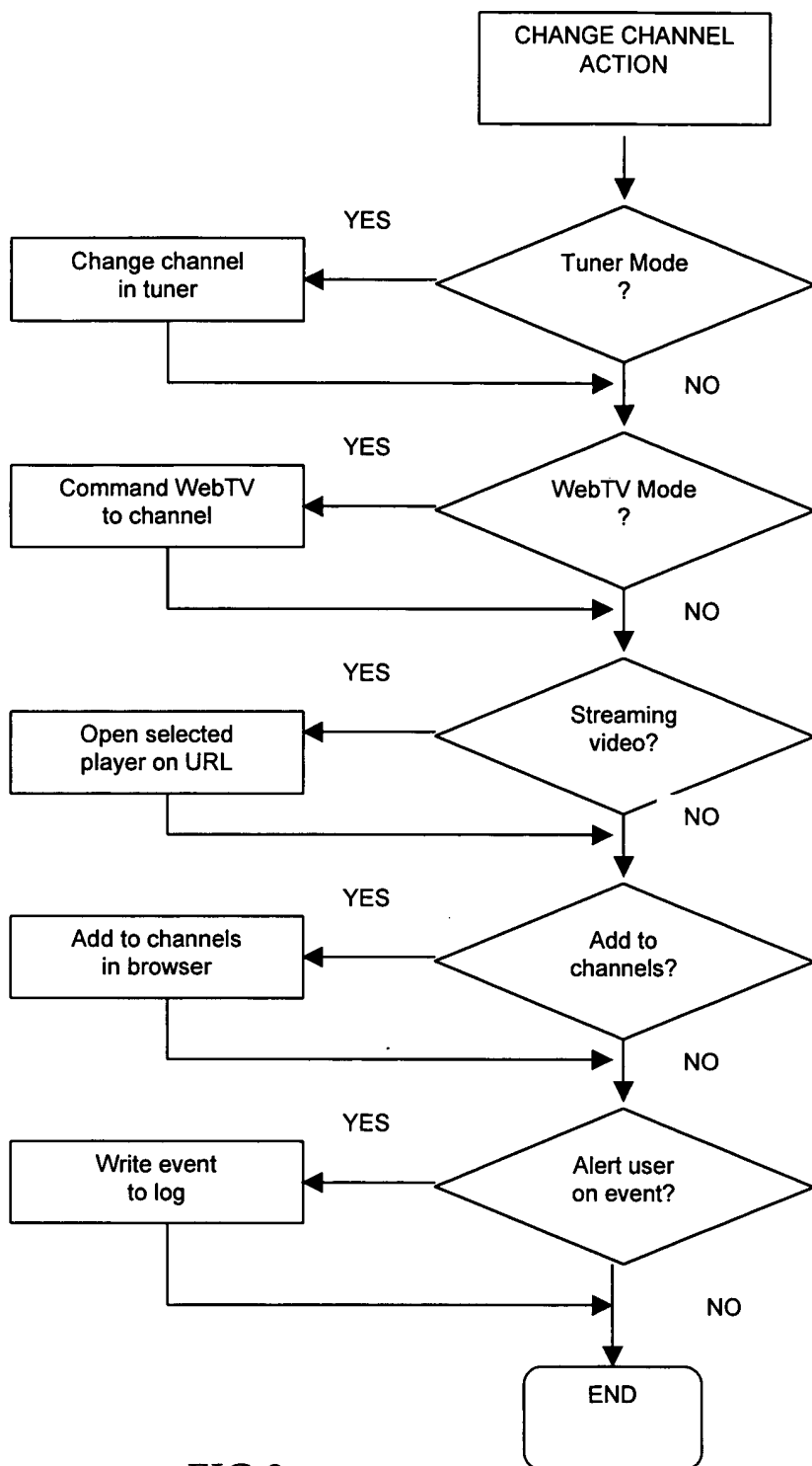


FIG 9

007643-0001



FIG 10a: FILE CONNECTION MENU

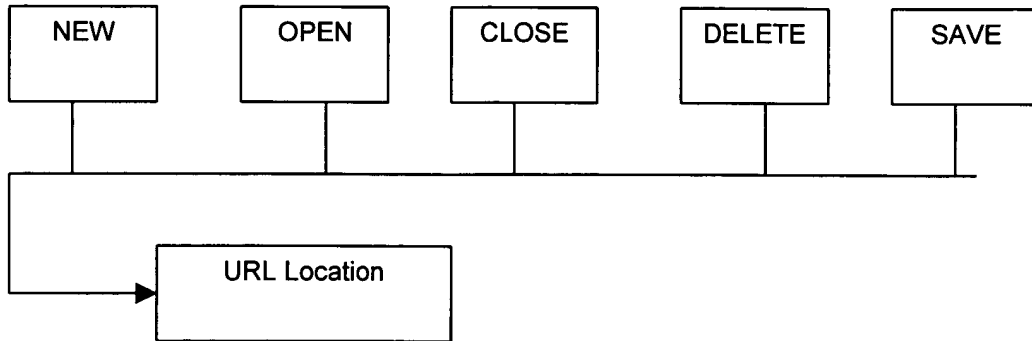


FIG 10b: EDIT SEARCH PROPERTIES MENU

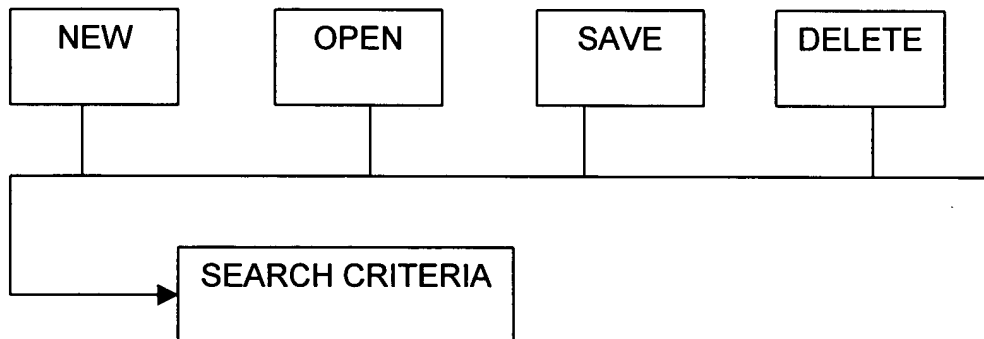
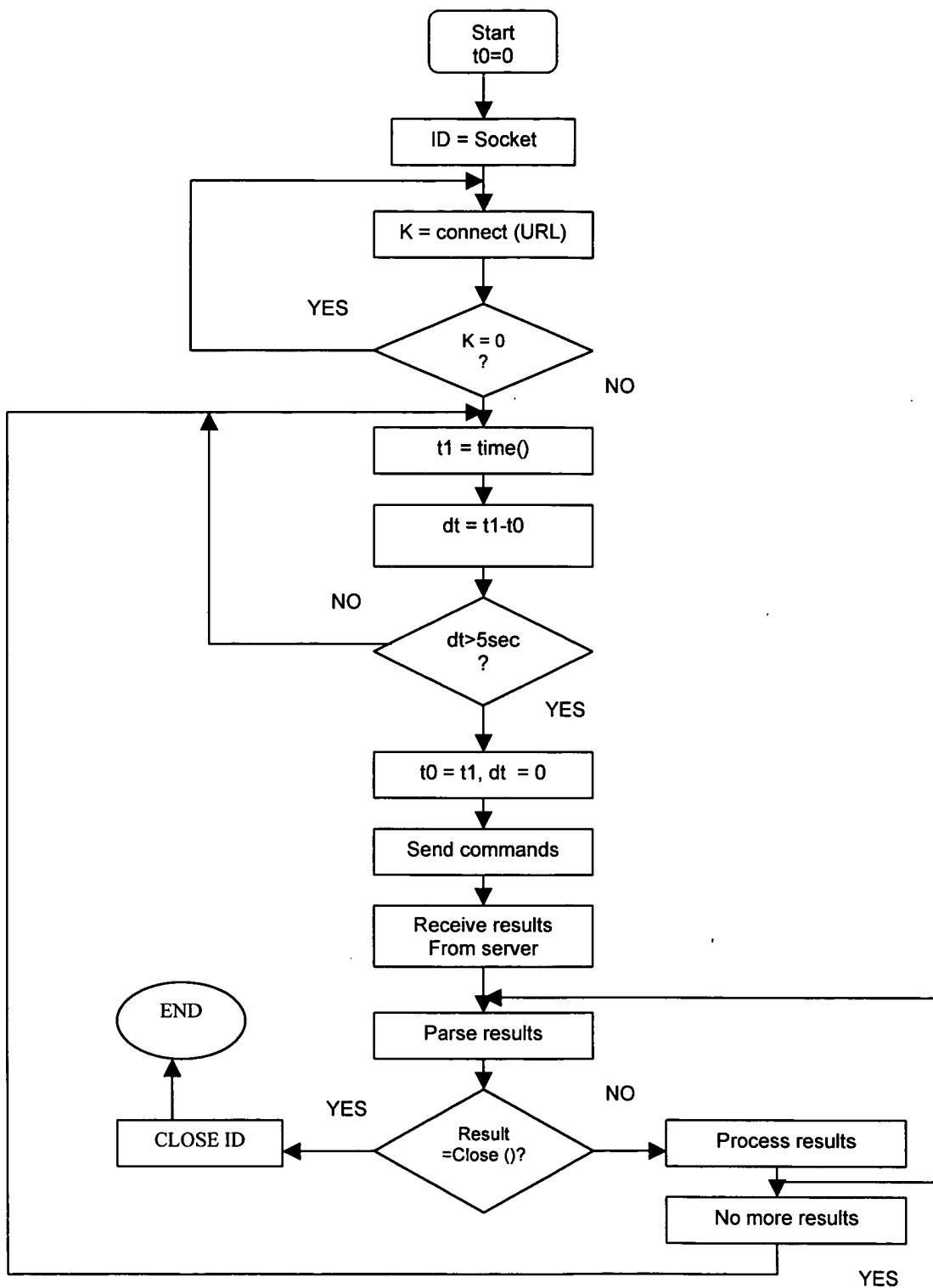


FIG 10a: FILE CONNECTION MENU



**FIG 11: CLIENT
COMMUNICATION MODULE**

FIG 12: SERVER COMM. MODULE



CLIENT

S_ID = Socket(STR,TCP)

SERVER

S_ID = Socket(STERM,TCP)

m_Socket.port = my_port

m_Socket.address = ANY_ADDRESS

BIND(m_Socket)

LISTEN(m_Socket)

← C_ID = ACCEPT(m_Socket)

Loop until end

{

Select(m)

Send command



Receive command

Do command

Recieve



Send results

Do Command

}

CLOSE



CLOSE

0976434.043004



FIG 13: TUNER SETTING BY CLIENT

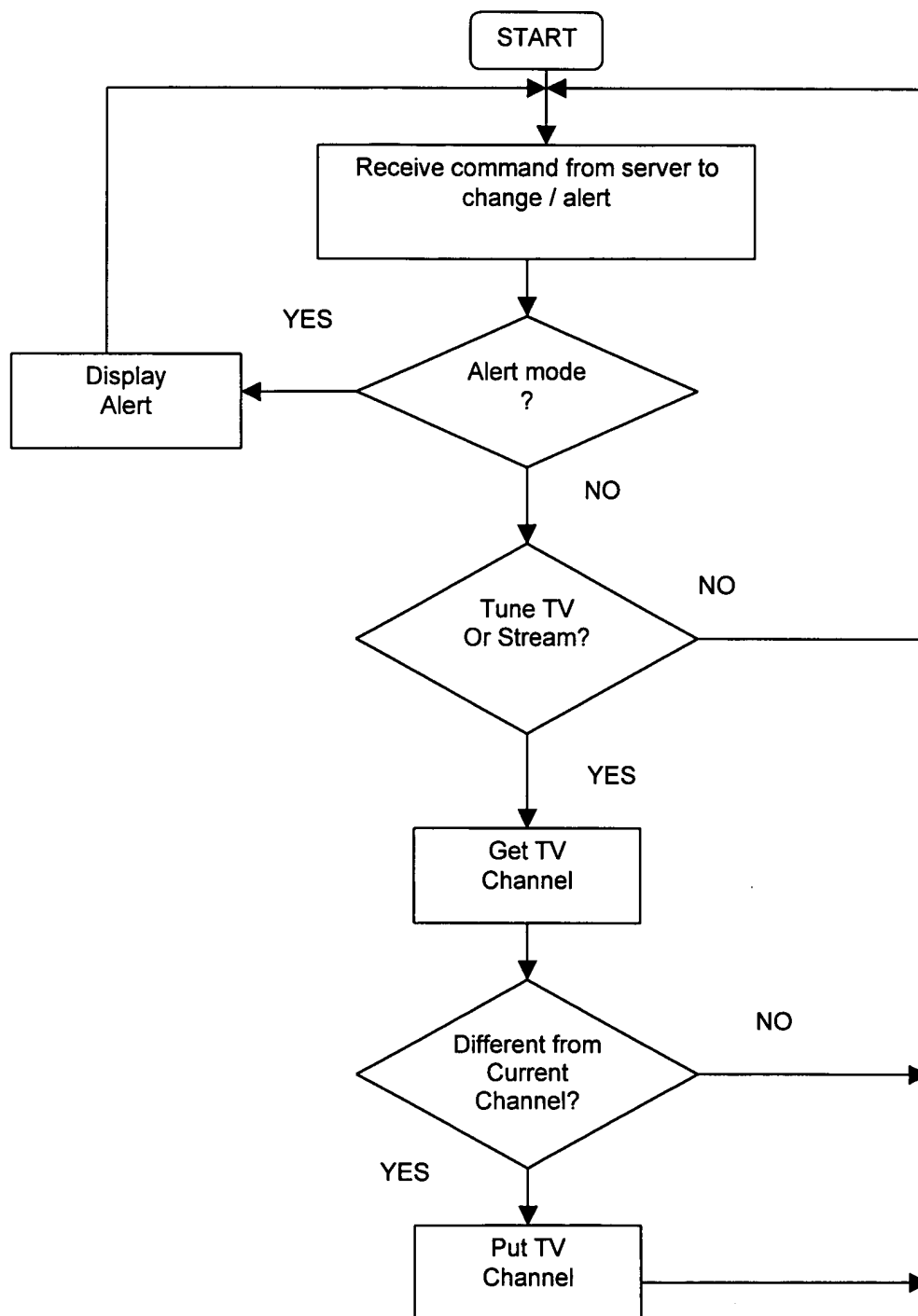


FIG 13: TUNER SETTING BY CLIENT

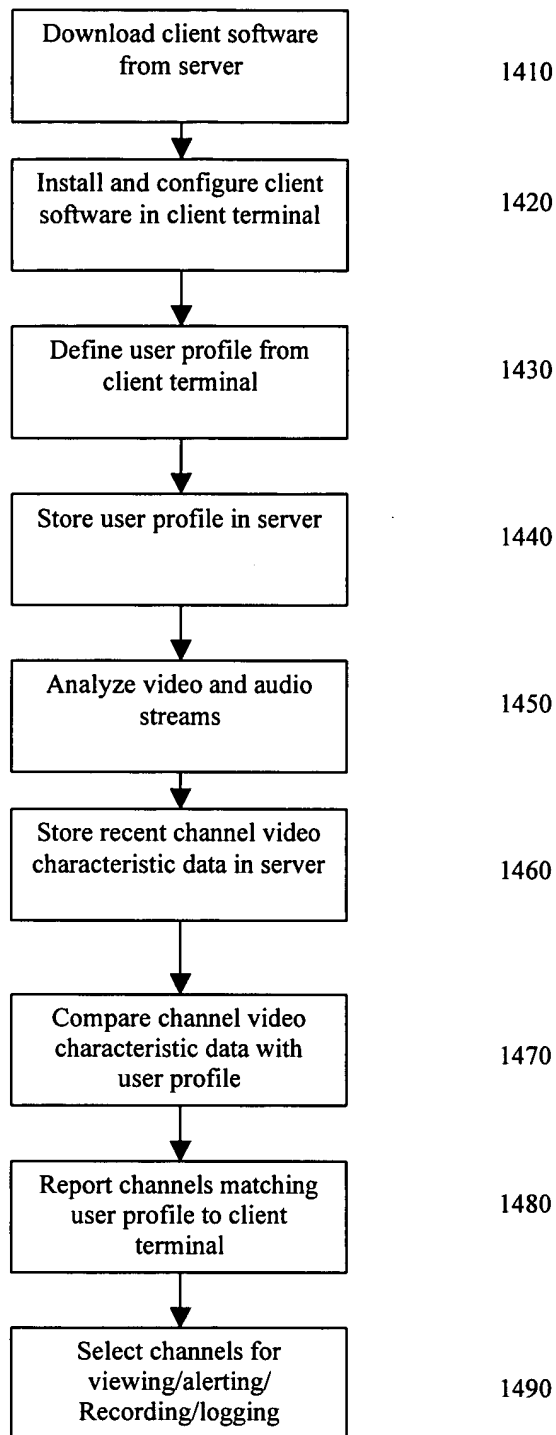


FIG. 14: Summary flow chart of operation